

## INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP2004/053502

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 H04B7/005

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2002/094833 A1 (LIESHOUT GERT-JAN VAN ET AL) 18 July 2002 (2002-07-18) cited in the application abstract; claim 1; figure 4 paragraphs '0014!', '0025!' -----	1-30
Y	EP 1 089 458 A (LUCENT TECHNOLOGIES INC) 4 April 2001 (2001-04-04) abstract paragraph '0004!' -----	1-30

☐ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents :

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Date of the actual completion of the International search

20 April 2005

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04/05/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2  
NL - 2280 HV Rijswijk  
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,  
Fax: (+31-70) 340-3016

Authorized officer

LOPEZ DE ECHAZARRETA

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International Application No

PCT/EP2004/053502

Patent document cited in search report		Publication date	Patent family member(s)		Publication date
US 2002094833	A1	18-07-2002	WO	02056498 A2	18-07-2002
EP 1089458	A	04-04-2001	EP	1089458 A2	04-04-2001